

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	50	(("4283626") or ("3691386") or ("3688120") or ("3639741") or ("3899673") or ("3879609") or ("4002909") or ("4008388") or ("4075475") or ("4122343") or ("4247770") or ("4292520") or ("4300833") or ("RE30827") or ("4322165") or ("4353242") or ("4408884") or ("4422044") or ("4472631") or ("4476026") or ("4490806") or ("4516580") or ("4519092") or ("4537508") or ("4604719") or ("4605920") or ("4614907") or ("4631687") or ("4633083") or ("4761545") or ("4766382") or ("4803355") or ("4816675") or ("4821303") or ("4834497") or ("4837434") or ("4837578") or ("4869093") or ("4874944") or ("4908187") or ("4910758") or ("4920058") or ("4922442") or ("4943929") or ("4956788") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 15:10

		("4961646") or ("4968889") or ("4972331") or ("4986665") or ("4996531")).PN.				
S2	0	S1 and spetrometry	US-PGPUB; USPAT	OR	ON	2008/01/05 15:11
S3	50	S1 and spectrometry	US-PGPUB; USPAT	OR	ON	2008/01/05 15:11
S4	37	S1 and spectrum	US-PGPUB; USPAT	OR	ON	2008/01/05 15:11
S5	8	S4 and noise and statistic \$3	US-PGPUB; USPAT	OR	ON	2008/01/05 17:47
S6	6	S5 and threshold	US-PGPUB; USPAT	OR	ON	2008/01/05 15:13
S7	1	S6 and identify\$3	US-PGPUB; USPAT	OR	ON	2008/01/05 15:14
S8	1	S7 and peak	US-PGPUB; USPAT	OR	ON	2008/01/05 15:24
S9	1	S8 and stor\$3	US-PGPUB; USPAT	OR	ON	2008/01/05 15:26
S10	10	((("4875169") or ("5175430") or ("5592402") or ("5995989") or ("6449584") or ("6720555") or ("4686365") or ("7211794") or ("6987261") or ("20040217272"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 15:27
S11	1	("5995989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 17:47
S12	1	S11 and peak	US-PGPUB; USPAT	OR	ON	2008/01/05 17:49
S13	1	S11 and stor\$3	US-PGPUB; USPAT	OR	ON	2008/01/05 17:57
S14	1	S11 and mass	US-PGPUB; USPAT	OR	ON	2008/01/05 18:33
S15	1	S11 and display\$3	US-PGPUB; USPAT	OR	ON	2008/01/05 18:38
S16	0	S11 and reconstruction	US-PGPUB; USPAT	OR	ON	2008/01/05 18:46
S17	0	S11 and ftms	US-PGPUB; USPAT	OR	ON	2008/01/05 18:54

S18	1	S11 and block	US-PGPUB; USPAT	OR	ON	2008/01/05 18:54
S19	1	("6600972").PN.	USPAT; USOCR	OR	OFF	2008/09/15 08:56
S20	1	("7158902").PN.	USPAT; USOCR	OR	OFF	2008/09/15 11:35
S21	48	(("4429385") or ("5913040") or ("6134532") or ("6212522") or ("6223178") or ("6212522") or ("6223178") or ("6247021") or ("6256639") or ("6269361") or ("6308202") or ("6314423") or ("6324566") or ("6338082") or ("6434745") or ("6581057") or ("6606652") or ("6925456") or ("6978263") or ("6983272") or ("7035812") or ("7043471") or ("7076443") or ("7076479") or ("7092901") or ("7110993") or ("7185092") or ("7363300") or ("7386572") or ("7398261") or ("20010013037") or ("20010037377") or ("20010042064") or ("20010047354") or ("20010049674") or ("20010051940") or ("20020013729") or ("20020065802") or ("20020169875") or ("20030028529") or ("20030033292") or ("20030208474") or ("20030216930") or ("20040068460") or ("20040083127") or ("20040093267") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 12:40

		("20040098302") or ("20040133469") or ("20040158455") or ("20040190448")).PN.				
S22	0	S21 and spectrometry	US-PGPUB; USPAT	OR	ON	2008/09/22 12:41
S23	0	S21 and spectromet\$4	US-PGPUB; USPAT	OR	ON	2008/09/22 12:42
S24	575	702/66.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:03
S25	758	708/300.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:03
S26	240	708/203.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:03
S27	10	(S24 or S25 or S26) and spectrometry	US-PGPUB; USPAT	OR	ON	2008/09/23 09:04
S28	418	malek.in.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:05
S29	3608	lange.in.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:05
S30	67	(S28 or S29) and spectrometry	US-PGPUB; USPAT	OR	ON	2008/09/23 09:06
S31	0	(S27 and S30) and noise and statistic\$3	US-PGPUB; USPAT	OR	ON	2008/09/23 09:06
S32	2	S30 and noise and statistic \$3	US-PGPUB; USPAT	OR	ON	2008/09/23 09:06
S33	4	S27 and noise and statistic \$3	US-PGPUB; USPAT	OR	ON	2008/09/23 09:07
S34	1	("5995989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:07
S35	0	S34 and reconstruction	US-PGPUB; USPAT	OR	ON	2008/09/23 09:07
S36	312	702/191.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/23 09:09
S37	0	(S24 or S25 or S26 or S36) and spectrometry and noise and statistic\$3 and reconstruction and threshold and peak and mass and display\$3.clm.	USPAT	OR	ON	2008/09/23 09:11
S38	1	("6208951").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 21:41
S39	1	S38 and noise	US-PGPUB; USPAT	OR	ON	2008/09/30 21:42

S40	1	S39 and threshold	US-PGPUB; USPAT	OR	ON	2008/09/30 21:42
S41	0	S40 and peak	US-PGPUB; USPAT	OR	ON	2008/09/30 21:42
S42	1	S40 and spectrum	US-PGPUB; USPAT	OR	ON	2008/09/30 21:42
S43	1	S42 and stor\$3	US-PGPUB; USPAT	OR	ON	2008/09/30 21:43
S44	1	S43 and identif\$4	US-PGPUB; USPAT	OR	ON	2008/09/30 21:43
S45	1	S44 and display\$3	US-PGPUB; USPAT	OR	ON	2008/09/30 21:43
S46	1	S45 and deviation	US-PGPUB; USPAT	OR	ON	2008/09/30 21:44
S47	0	S46 and instruction	US-PGPUB; USPAT	OR	ON	2008/09/30 21:44
S48	1	("5995989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 21:58
S49	1	("6502045").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 22:15
S50	1	S49 and stor\$4	US-PGPUB; USPAT	OR	OFF	2008/09/30 22:15
S51	50	(("4283626") or ("3691386") or ("3688120") or ("3639741") or ("3899673") or ("3879609") or ("4002909") or ("4008388") or ("4075475") or ("4122343") or ("4247770") or ("4292520") or ("4300833") or ("RE30827") or ("4322165") or ("4353242") or ("4408884") or ("4422044") or ("4472631") or ("4476026") or ("4490806") or ("4516580") or ("4519092") or ("4537508") or ("4604719") or	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 14:20

		("4605920") or ("4614907") or ("4631687") or ("4633083") or ("4761545") or ("4766382") or ("4803355") or ("4816675") or ("4821303") or ("4834497") or ("4837434") or ("4837578") or ("4869093") or ("4874944") or ("4908187") or ("4910758") or ("4920058") or ("4922442") or ("4943929") or ("4956788") or ("4961646") or ("4968889") or ("4972331") or ("4986665") or ("4996531")).PN.				
S52	20	S51 and mass near1 spectrometry	US-PGPUB; USPAT	OR	OFF	2009/03/18 14:21
S53	20	S51 and mass near1 spectrometry	US-PGPUB; USPAT	OR	ON	2009/03/18 14:21
S54	37	S51 and spectrum	US-PGPUB; USPAT	OR	ON	2009/03/18 14:21
S55	28	S51 and noise	US-PGPUB; USPAT	OR	ON	2009/03/18 14:21
S56	11	S51 and threshold	US-PGPUB; USPAT	OR	ON	2009/03/18 14:22
S57	15	S51 and identify\$4 and peak	US-PGPUB; USPAT	OR	ON	2009/03/18 14:22
S58	28	S51 and stor\$3 and information	US-PGPUB; USPAT	OR	ON	2009/03/18 14:22
S59	1	S52 and S53 and S54 and S55 and S56 and S57 and S58	US-PGPUB; USPAT	OR	ON	2009/03/18 14:23
S60	2	((("5995989") or ("6502045"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/18 16:15
S61	1	("5995989").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/18 19:04
S62	0	S61 and mass near1 spectrum	US-PGPUB; USPAT	OR	OFF	2009/03/18 19:04

S63	1	S61 and mass and spectrum	US-PGPUB; USPAT	OR	ON	2009/03/18 19:04
S64	1	S63 and peak and noise and stor\$4	US-PGPUB; USPAT	OR	ON	2009/03/18 19:06
S65	8	((("4490806") or ("4658368") or ("5052027") or ("5150317") or ("5428357") or ("5592402") or ("5771182") or ("5774385")).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/18 19:13
S66	2	S65 and peak and noise and stor\$4 and mass near1 spectrum	US-PGPUB; USPAT	OR	ON	2009/03/18 19:15
S67	0	S66 and reconstruct\$4	US-PGPUB; USPAT	OR	ON	2009/03/18 19:16
S68	1	S61 and factor	US-PGPUB; USPAT	OR	ON	2009/03/18 19:28
S69	1	S61 and magnitude	US-PGPUB; USPAT	OR	ON	2009/03/18 19:44
S70	1	S69 and data near1 point	US-PGPUB; USPAT	OR	ON	2009/03/18 19:44
S71	0	S70 and string	US-PGPUB; USPAT	OR	ON	2009/03/18 19:45
S72	1	S70 and position	US-PGPUB; USPAT	OR	ON	2009/03/18 19:46
S73	0	S72 and sequence	US-PGPUB; USPAT	OR	ON	2009/03/18 19:46
S74	0	S72 and statistical	US-PGPUB; USPAT	OR	ON	2009/03/18 19:47
S75	1	S72 and analysis	US-PGPUB; USPAT	OR	ON	2009/03/18 19:47
S76	1	S61 and event	US-PGPUB; USPAT	OR	ON	2009/03/18 19:48
S77	1	("7277814").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/19 10:11
S78	1890	ftms	US-PGPUB; USPAT	OR	ON	2009/03/23 12:30
S79	1	S78 and weibull	US-PGPUB; USPAT	OR	ON	2009/03/23 12:30
S80	194	S78 and mass near1 spectral	US-PGPUB; USPAT	OR	ON	2009/03/23 12:31
S81	627	S78 and spectrometer	US-PGPUB; USPAT	OR	ON	2009/03/23 12:31

S82	176	S80 and S81	US-PGPUB; USPAT	OR	ON	2009/03/23 12:31
S83	3	S82 and poisson	US-PGPUB; USPAT	OR	ON	2009/03/23 12:31
S84	1	("5995989").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/23 12:34
S85	1	S84 and analysis	US-PGPUB; USPAT	OR	ON	2009/03/23 12:35
S86	1	("4490806").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/23 12:35
S87	0	S84 and statistical	US-PGPUB; USPAT	OR	ON	2009/03/23 12:38
S88	1	S84 and block	US-PGPUB; USPAT	OR	ON	2009/03/23 12:38
S89	0	S88 and center	US-PGPUB; USPAT	OR	ON	2009/03/23 13:07
S90	1	("5995989").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/23 13:07
S91	1	S90 and magnitude and position and peak	US-PGPUB; USPAT	OR	ON	2009/03/23 13:08

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	472	702/66.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:26
L2	360	702/76.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:26
L3	1648	702/182.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:26
L4	296	702/191.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:26
L5	1666	250/226.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:27
L6	121	356/303.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:27
L7	440	356/319.ccls.	USPAT; UPAD	OR	ON	2009/09/16 16:27
L8	11	(1 or 2 or 3 or 4 or 5 or 6 or 7) and peak and noise and stor\$4 and mass near1 spectrum	USPAT; UPAD	OR	ON	2009/09/16 16:28



L9	5	(1 or 2 or 3 or 4 or 5 or 6 or 7) and peak and noise and stor\$4 and mass near1 spectrum and spectrometer and threshold and identify	USPAT; UPAD	OR	ON	2009/09/16 16:29
L10	1	(1 or 2 or 3 or 4 or 5 or 6 or 7) and peak and noise and stor\$4 and mass near1 spectrum and spectrometer and threshold and identify.clm.	USPAT; UPAD	OR	ON	2009/09/16 16:29

**9/ 16/ 2009 4:31:22 PM****C:\ Documents and Settings\ hvo\ My Documents\ EAST\ Workspaces\ 10573395.wsp**